



PTO/SB/08a/b (08-03)  
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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/803509
				Filing Date	March 18, 2004
				First Named Inventor	David S. Pearson
				Art Unit	<del>2131</del> 2137
				Examiner Name	<del>Not Yet Assigned</del> Callahan
Sheet	1	of	1	Attorney Docket Number	BBNT-P01-258

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Knd Code <sup>2</sup> (if known)			
/P.C./	A1	4,649,233	3/10/87	Bass et al.	
/P.C./	A2	5,535,195	7/9/96	Lee	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/P.C./	C1	Bennett et al., "Quantum Cryptography: Public Key Distribution and Coin Tossing," International Conference on computers & Signal Processing, pages 1-6, December 1984	
/P.C./	C2	Brassard et al., "Cryptology Column - 25 Years of Quantum Cryptography," Pragocrypt, pages 13-24, July 1996	
/P.C./	C3	Elliott, Chip "Building the Quantum Network," New Journal of Physics, 46(4):1-12, (2002)	
/P.C./	C4	Schneier, Bruce "Applied Cryptography," Second Edition, Chapter 10, October 18, 1995, Wiley & Sons Publ, pages 216-220.	

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Examiner Signature	/Paul Callahan/	Date Considered	08/30/2007
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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/803509		
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		Art Unit	2434 2137		
		Examiner Name	Not Yet Assigned Callahan		
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Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( if known)				
/P.C./	AA	US-5,414,771		05-09-1995	Fawcett, Jr.	
	AB	US-5,675,648		10-07-1997	Townsend	
	AC	US-5,732,139		03-24-1998	Lo et al	
	AD	US-5,764,765		06-09-1998	Phoenix et al	
	AE	US-5,768,378		06-16-1998	Townsend et al	
	AF	US-5,850,441		12-15-1998	Townsend et al	
	AG	US-5,966,224		10-12-1999	Hughes et al	
	AH	US-6,233,075		05/2001	Chang et al	
	AI	US-6,463,060		10/2002	Sato et al	
	AJ	US-6,684,335		01/2004	Epstein et al.	
	AK	US-6,563,796		05/2003	Saito, Hiroshi	
	AL	US-6,233,393		05/2001	Yanagihara et al	
	AM	US-6,122,252		09/2000	Aimoto et al	
	AN	US-5,953,421		09-14-1999	Townsend	
	AO	US-5,805,801		09/1998	Holloway et al	
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	AQ	US-5,757,912		05-26-1998	Blow	
	AR	US-5,710,773		01/1998	Shiga, Tomohisa	
↓	AS	US-5,502,766		03-26-1996	Boebert et al	
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/P.C./	AU	US-5,243,649		09-07-1993	Franson	

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/P.C./	CA	Townsend et al. Single Photon Interference in 10km Long Optical Fibre Interferometer. Electronics Letters. 29:7, 634-35. (1993)	
/P.C./	CB	Townsend, P.D. Secure key distribution system based on quantum cryptography. Electronics Letters. 30:10, 809-11. (1994)	
/P.C./	CC	Franson, J.D. Violations of a New Inequality for Classical Fields. Johns Hopkins University; NTIS-NASA Publication; Goddard Space Flight Center; Workshop on Squeezed States and	
Examiner Signature	/Paul Callahan/		Date Considered 08/30/2007

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				Examiner Name	<del>Not Yet Assigned</del> Callahan
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		Uncertainty Relations. pp 23-32. (1991)	
/P.C./	CD	Phoenix, Simon J.D. et al. Multi-user quantum cryptography on optical networks. Journal of Modern Optics. 42:6, 1155-63. (1995)	
/P.C./	CE	Townsend et al. Enhanced Single Photon Fringe Visibility in A 10 km-Long Prototype Quantum Cryptography Channel. Electronics Letters. 29:14, 1291-93. (1993)	
/P.C./	CF	Collins, Graham P. Quantum Cryptography Defies Eavesdropping. Physics Today. pp 21-3 (1992)	
/P.C./	CG	Quantum Public Key Distribution System. IBM Technical Disclosure Bulletin. 28:7, 3151-63. (1985)	

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<b>INFORMATION DISCLOSURE CITATION</b> PTO-1449	<b>CUSTOMER NUMBER</b>  32127	ATTORNEY'S DKT No. 03-4018 APPLICANT(S) David Spencer PEARSON et al. FILING DATE March 18, 2004	APPLICATION No. <u>10/803,509</u> <del>Unassigned</del> GROUP 2137 <del>Unassigned</del> EXR: Callahan			
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes    No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
/P.C./	Copy of U.S. Serial No. 09/611,783; filed July 7, 2000; entitled: "Systems and Method for Implementing a Quantum-Cryptographic Communications Network," 42 pages.					
/P.C./	Copy of co-pending application filed on 3/19/04 ; entitled "Systems and Methods for Implementing Routing Protocols and Algorithms for Quantum Cryptographic Key Transport" 41 pages.					
EXAMINER				DATE CONSIDERED		
/Paul Callahan/				08/30/2007		

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